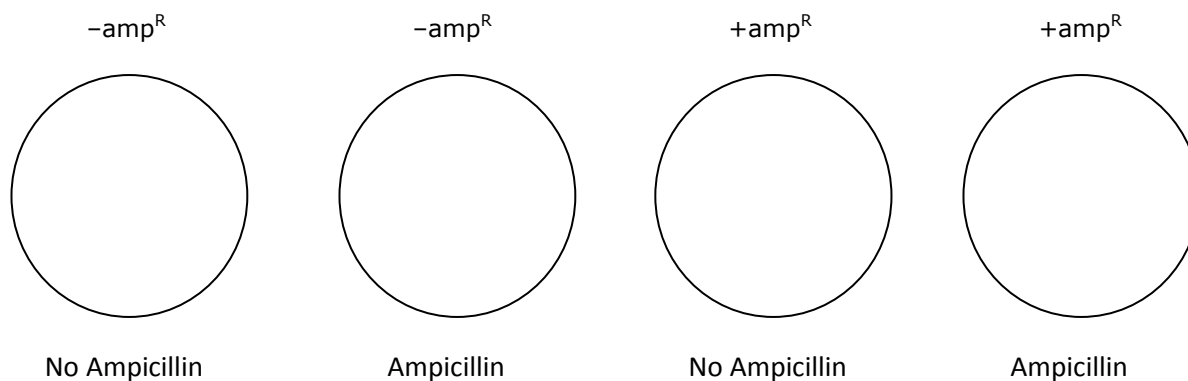


Transformation Pre-Lab

Go to the Prentice Hall Lab Bench web site. There is a link to this page on my web site in the "Lab" section.
http://www.phschool.com/science/biology_place/labbench/index.html Choose Lab 6: Molecular Biology.

1. What is transformation?
2. What are plasmids?
3. What is the difference between an "+amp^R" E. coli and "-amp^R" E. coli?
4. What does it mean to make an E. Coli "competent"? How can this be done?
5. What are the 5 "always" procedure for keeping this lab sterile and your results good? And the 4 "never" procedures?
6. In the lab procedure what method is used to help the E. Coli transform to become ampicillin resistant? At what temperature is this done?
7. Draw a picture of what each plate will look like with the following details:



8. Take the Lab Quiz at the end and see how you do!!!